Electronic Acknowledgement Receipt					
EFS ID:	2027088				
Application Number:	10532619				
International Application Number:					
Confirmation Number:	9405				
Title of Invention:	Maximizing power and spectral efficiencies for layered and conventional modulations				
First Named Inventor/Applicant Name:	Ernest C. Chen				
Correspondence Address:	The Directv Group Inc RE/R11/A109 P O Box 956 - El Segundo CA 90245 US -				
Filer:	Georgann Shelby Grunebach/Janet Shibata				
Filer Authorized By:	Georgann Shelby Grunebach				
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Receipt Date:	30-JUL-2007				
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Application Type:	U.S. National Stage under 35 USC 371				
Payment information:					
Submitted with Payment	yes				
Payment was successfully received in RAM	\$180				

3065

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	PD-201014IDS.pdf	181171	no	5
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Warnings:					
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2	Foreign Reference	EP0115218A2.pdf	1254891	no	48
-			17d21d04ae98db12134b408908ddf9cfb 37fat5e		
Warnings:					
Information:					
3	Foreign Reference	EP1011245A1.pdf	1289087	no	25
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Warnings:					
Information:					
4	Foreign Reference	EP1065854A2.pdf	819056	no	20
			01c8459759c4ab5865425c4849fa5517 0b1ecc9c		
Warnings:					
Information:					
5	Foreign Reference	WO9923718.pdf	1672877	no	40
			ce62bf8345cc7d9b58591981be07feafc c048117		
Warnings:					
Information:					
6	Foreign Reference	WO0139455A1.pdf	1419306	no	37
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Warnings:					
Information:					
7	Foreign Reference	WO0139456A1.pdf	1433841	no	35
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Warnings:					
Information:					

•		Total Files Size (in bytes)	114	28196	
Information:					
Warnings:					
11	Fee Worksheet (PTO-06)	fee-info.pdf	93c8b27e23a557962dd2343628d9283 04b75a7bf	no	2
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Information:					
Warnings:					
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	Foreign Reference		543284		
Information:					
Warnings:					
9 Foreign Reference	Foreign Reference	WO2005086444A1.pdf	05dc711c3a282e0ce801599c6de38822e 8e24e82	no	39
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Information:					
Warnings:					
8	Foreign Reference	WO2005074171A2.pdf	7ea1376eda5408c71ete30eec167b3d1 1795c2d8	no	25
			1095585		

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.